

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052419AR\
 Data File : FD029246.D
 Signal(s) : FID2B.CH
 Acq On : 25 May 2019 2:07
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 04:30:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.744	1520329	19.208 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
6) S 2-Fluorobiphenyl (SURR)	8.610	1048177	19.410 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.82%
11) S ortho-Terphenyl (SURR)	11.646	1626731	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	1665207	18.705 ug/ml
2) T Naphthalene (C11.7)	6.084	1769706	18.933 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	1728319	19.183 ug/ml
5) T Acenaphthylene (C15.06)	8.414	1678223	19.517 ug/ml
7) T Acenaphthene (C15.5)	8.709	1738851	19.458 ug/ml
8) T Flouorene (C16.55)	9.488	1723747	19.690 ug/ml
9) T Phenanthrene (C19.36)	10.884	1771050	19.773 ug/ml
10) T Anthracene (C19.43)	10.958	1752612	19.696 ug/ml
12) T Fluoranthene (C21.85)	12.693	1865171	19.430 ug/ml
13) T Pyrene (C20.8)	12.991	1904411	19.357 ug/ml
14) T Benzo[a]anthracene (C...	14.857	1912335	19.377 ug/ml
15) T Chrysene (C27.41)	14.900	1931503	19.290 ug/ml
16) T benzo[b]fluoranthene ...	16.403	2004442	19.445 ug/ml
17) T Bnezo[k]fluoranthene ...	16.436	1978594	19.524 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	1986177	19.600 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	1947313	20.040 ug/ml
20) T Dibenz[a,h]anthracene...	18.180	1915627	21.297 ug/ml
21) T Benzo[g,h,i]perylene ...	18.396	1990446	19.682 ug/ml

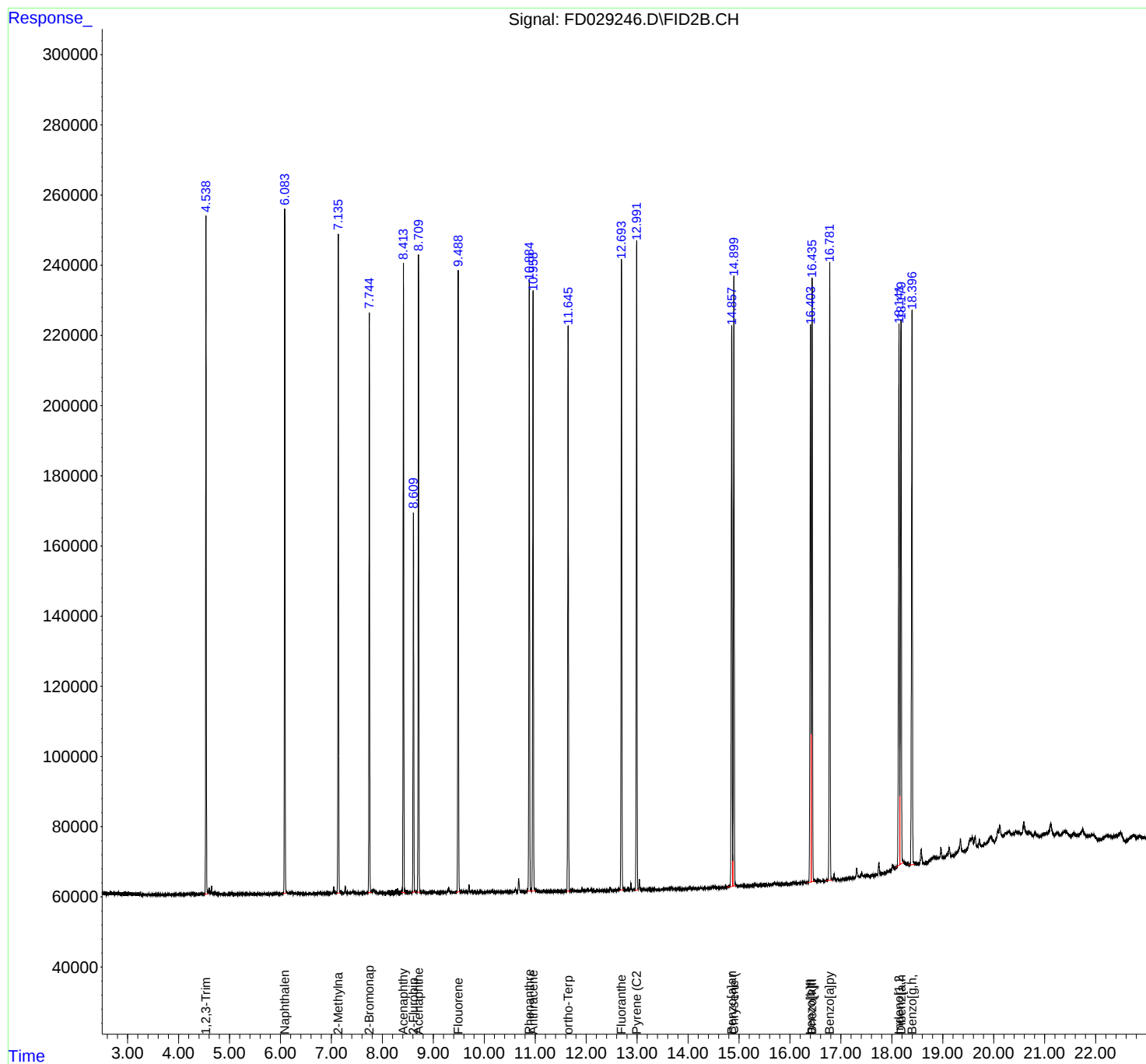
(f)=RT Delta > 1/2 Window

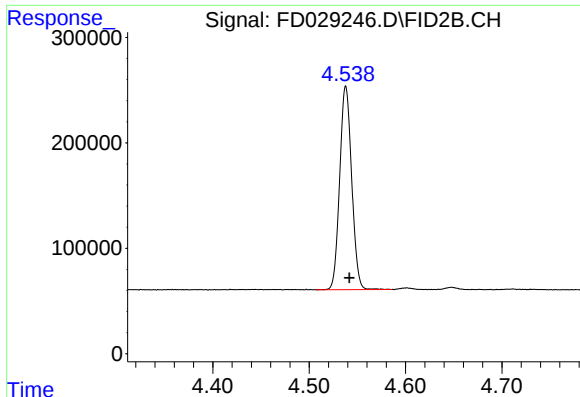
(m)=manual int.

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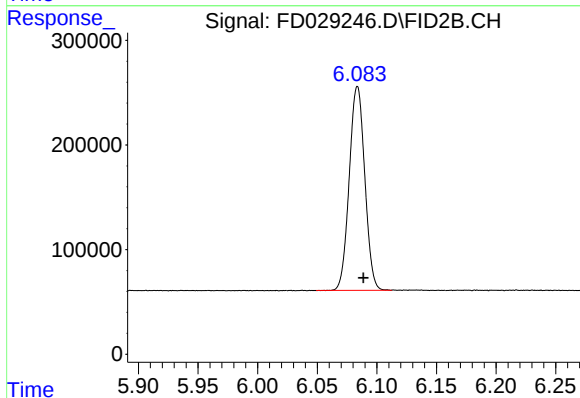
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





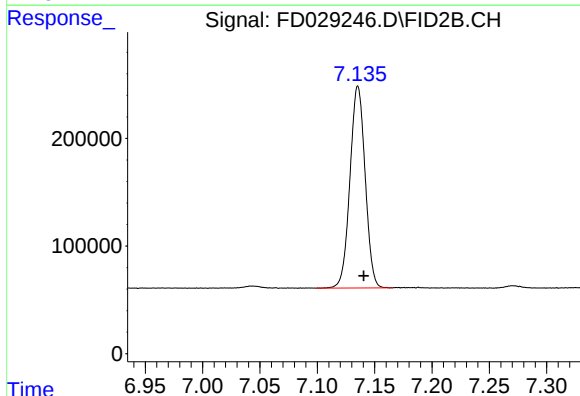
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: -0.004 min
Response: 1665207
Conc: 18.70 ug/ml



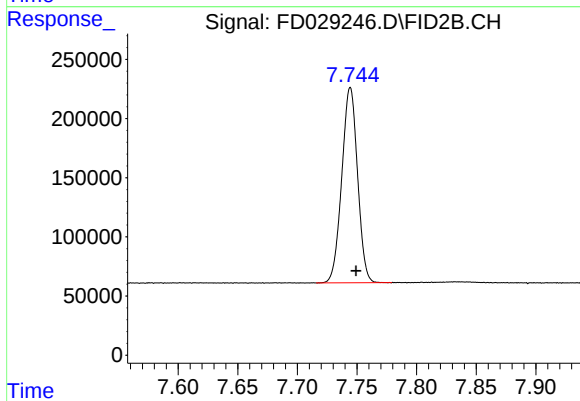
#2 Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 1769706
Conc: 18.93 ug/ml



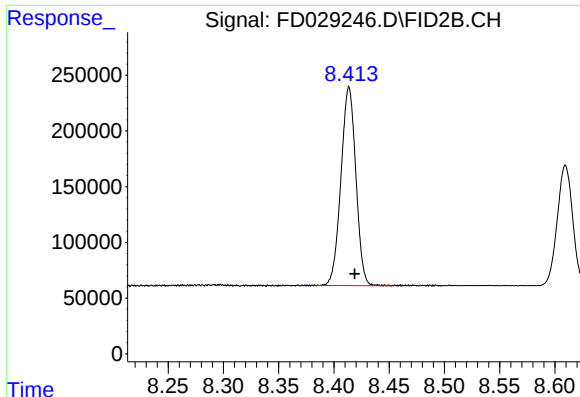
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.005 min
Response: 1728319
Conc: 19.18 ug/ml



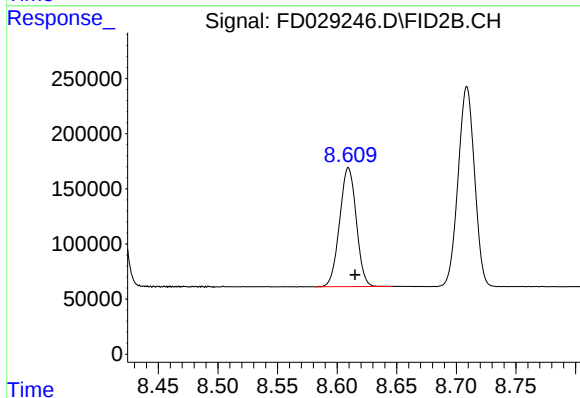
#4 2-Bromonaphthalene (SURR)

R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 1520329
Conc: 19.21 ug/ml



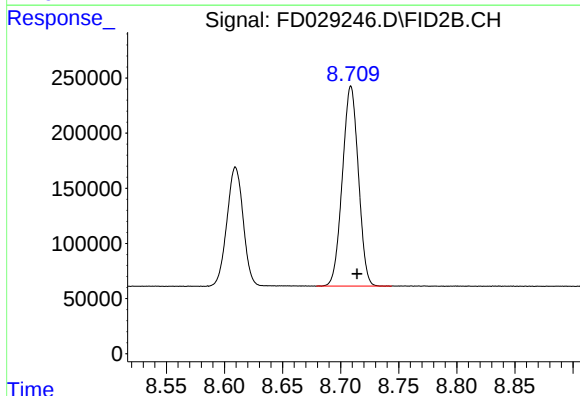
#5 Acenaphthylene (C15.06)

R.T.: 8.414 min
Delta R.T.: -0.005 min
Response: 1678223
Conc: 19.52 ug/ml



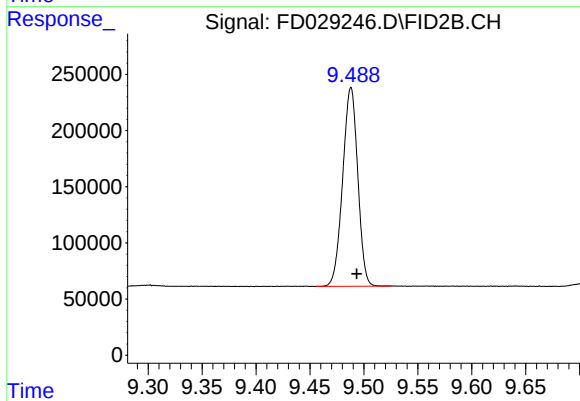
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.005 min
Response: 1048177
Conc: 19.41 ug/ml



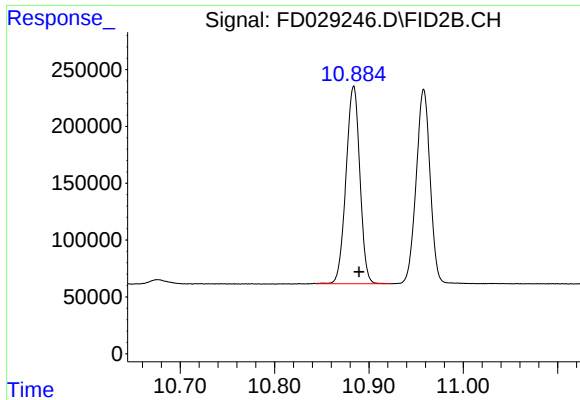
#7 Acenaphthene (C15.5)

R.T.: 8.709 min
Delta R.T.: -0.005 min
Response: 1738851
Conc: 19.46 ug/ml



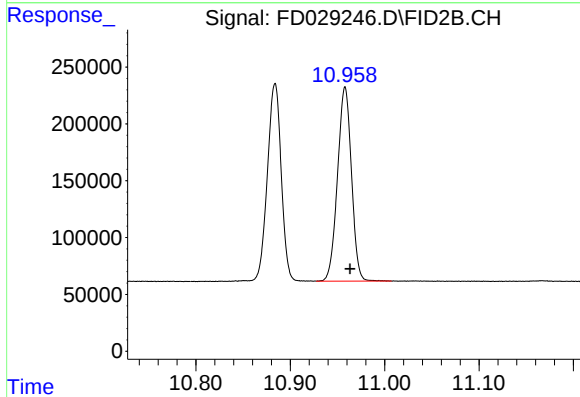
#8 Flouorene (C16.55)

R.T.: 9.488 min
Delta R.T.: -0.005 min
Response: 1723747
Conc: 19.69 ug/ml



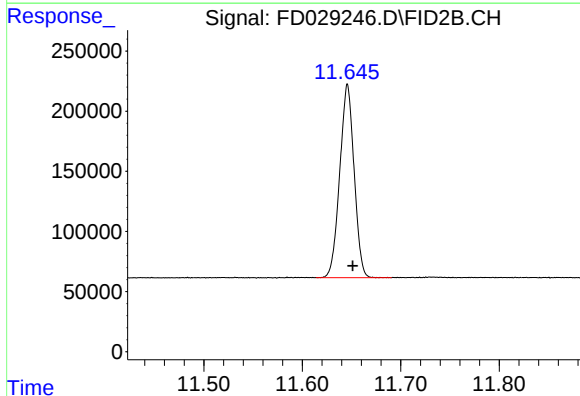
#9 Phenanthrene (C19.36)

R.T.: 10.884 min
Delta R.T.: -0.006 min
Response: 1771050
Conc: 19.77 ug/ml



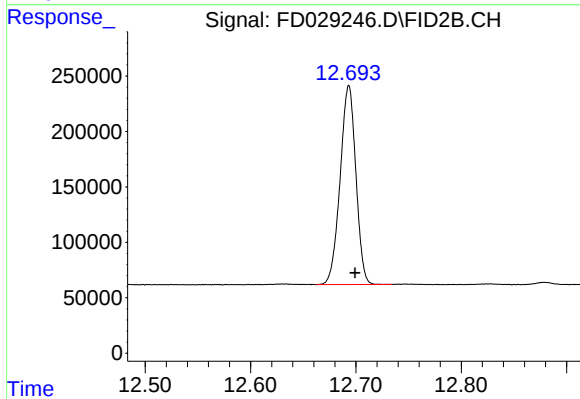
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: -0.005 min
Response: 1752612
Conc: 19.70 ug/ml



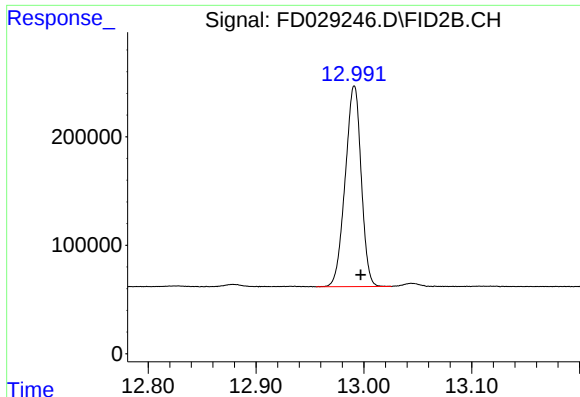
#11 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.005 min
Response: 1626731
Conc: 19.73 ug/ml



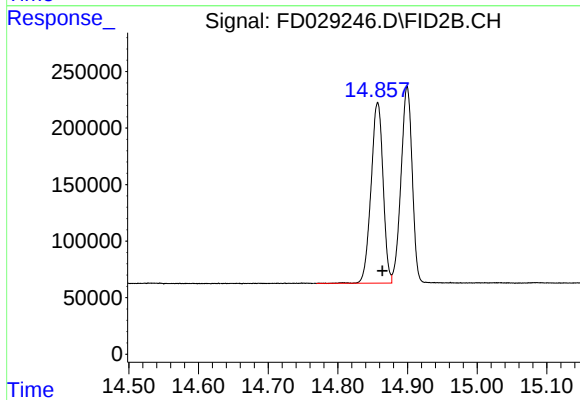
#12 Fluoranthene (C21.85)

R.T.: 12.693 min
Delta R.T.: -0.006 min
Response: 1865171
Conc: 19.43 ug/ml



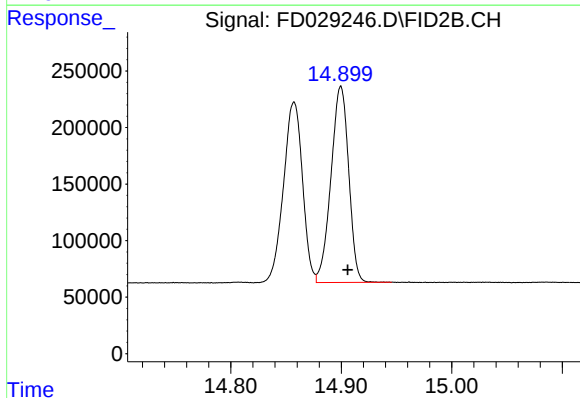
#13 Pyrene (C20.8)

R.T.: 12.991 min
Delta R.T.: -0.006 min
Response: 1904411
Conc: 19.36 ug/ml



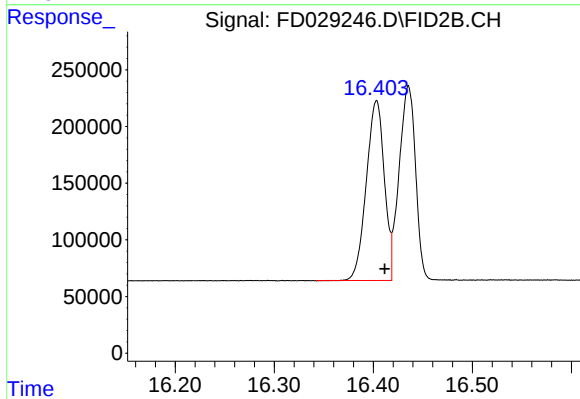
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.857 min
Delta R.T.: -0.007 min
Response: 1912335
Conc: 19.38 ug/ml



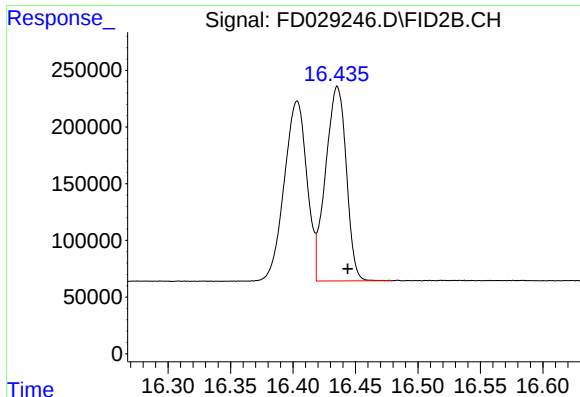
#15 Chrysene (C27.41)

R.T.: 14.900 min
Delta R.T.: -0.006 min
Response: 1931503
Conc: 19.29 ug/ml



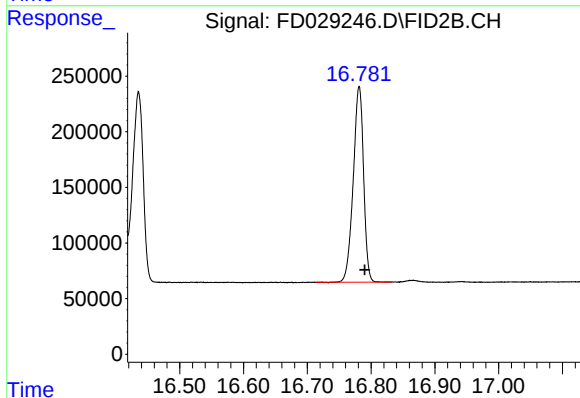
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.403 min
Delta R.T.: -0.008 min
Response: 2004442
Conc: 19.44 ug/ml



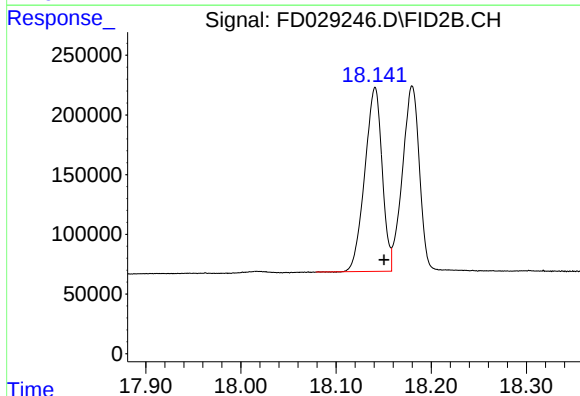
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.436 min
Delta R.T.: -0.008 min
Response: 1978594
Conc: 19.52 ug/ml



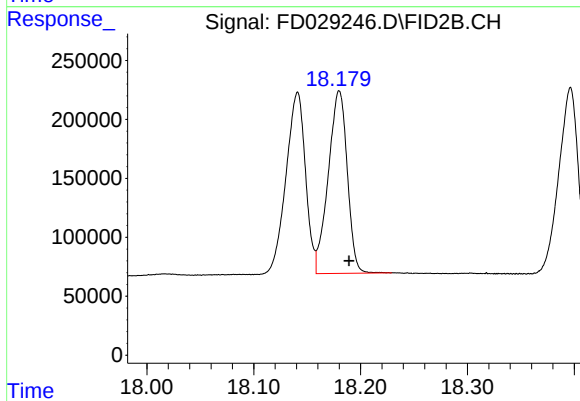
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: -0.008 min
Response: 1986177
Conc: 19.60 ug/ml



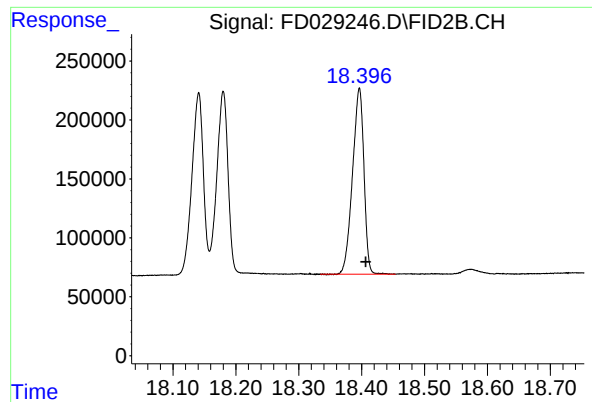
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.141 min
Delta R.T.: -0.010 min
Response: 1947313
Conc: 20.04 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.180 min
Delta R.T.: -0.009 min
Response: 1915627
Conc: 21.30 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.396 min
Delta R.T.: -0.010 min
Response: 1990446
Conc: 19.68 ug/ml